

## **RAW SEQUENCE LISTING**

**The Biotechnology Systems Branch of the Scientific and Technical  
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Application Serial Number: 10/565, 278 A  
Source: JFWJP  
Date Processed by STIC: 10/17/2006

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IFWP

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/565,278A

DATE: 10/17/2006

TIME: 08:52:09

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3 <110> APPLICANT: Schmutz, Sheila Marie  
 4 Goodall, Julie Janine  
 6 <120> TITLE OF INVENTION: IMPROVING PRODUCTION CHARACTERISTICS OF CATTLE  
 8 <130> FILE REFERENCE: 56550-7  
 10 <140> CURRENT APPLICATION NUMBER: US/10/565,278A  
 11 <141> CURRENT FILING DATE: 2006-01-20  
 13 <150> PRIOR APPLICATION NUMBER: US 60/489,026  
 14 <151> PRIOR FILING DATE: 2003-07-22  
 16 <150> PRIOR APPLICATION NUMBER: PCT/CA2004/001039  
 17 <151> PRIOR FILING DATE: 2004-07-20  
 19 <160> NUMBER OF SEQ ID NOS: 3  
 21 <170> SOFTWARE: PatentIn version 3.2  
 23 <210> SEQ ID NO: 1  
 24 <211> LENGTH: 217  
 25 <212> TYPE: DNA  
 26 <213> ORGANISM: bos taurus  
 29 <220> FEATURE:  
 30 <221> NAME/KEY: variation  
 31 <222> LOCATION: (150)..(150)  
 32 <223> OTHER INFORMATION: C or T residue at position 150  
 34 <220> FEATURE:  
 35 <221> NAME/KEY: misc\_feature  
 36 <222> LOCATION: (150)..(150)  
 37 <223> OTHER INFORMATION: C or T residue at position 150; T creates an additional BsrI  
 38 restriction site; affects birth weight, sex-corrected rib eye  
 39 area size, fat content and marbling  
 41 <400> SEQUENCE: 1  
 42 cctcagcctc atccccctc ttgcctccca gtcaaggctg ctggggggtc tgagcaccac 60  
 44 agccagagca ccccccctt ggcagcgact gctactattg gcccagccag cggatcatcc 120  
 46 acctggcagt cgagagcctg gggcaccagy gacgtccagg tcctctttac ccaccgcccc 180  
 48 ggggagcttc agagacaaca cagcaaatac agcacacg 217  
 51 <210> SEQ ID NO: 2  
 52 <211> LENGTH: 24  
 53 <212> TYPE: DNA  
 54 <213> ORGANISM: Artificial Sequence  
 56 <220> FEATURE:  
 57 <223> OTHER INFORMATION: PCR Primer  
 59 <400> SEQUENCE: 2  
 60 cctcagcctc atccccctc ttgc 24  
 63 <210> SEQ ID NO: 3  
 64 <211> LENGTH: 25  
 65 <212> TYPE: DNA  
 C--> 66 <213> ORGANISM: Artificial sequence

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68 <220> FEATURE:

69 <223> OTHER INFORMATION: PCR Primer

71 <400> SEQUENCE: 3

72 ctgtgctcta tttgctgtgt tgtct

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**VERIFICATION SUMMARY**

PATENT APPLICATION: US/10/565,278A

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